

**Instructions for Implementing
CAMS for Mobility (CAMS-F/M) G081 Web Enablement**

HQ AMC/LGXI

3 June, 2002

Overview

G081 is a mainframe application, which resides at the DISA DECC OKC. Current access to the system is via desktop computers, terminal emulation (TN3270) software by NetManage called RUMBA, and connectivity via the NIPRNET. Graphical User Interfaces (GUIs), in development over the last several years, sit on top of the emulation software. The GUIs were released to the field two years ago and were developed to run on any WIN/Tel environment. The WIN/Tel machines are currently the only machine configurations that are used within the LG community to access G081. In addition to GUIs, a paperless inspection process has been developed that includes the GUIs, digitized aircraft inspection cards, and RF LAN.

Current plan for WEB-enablement is to use a Citrix server that will be running the terminal emulation and GUI. The user accesses the Citrix via a secure browser. The browser requires a Citrix ICA plug-in and the installation of the root certificate. The Citrix solution provides 128-bit commercial encryption from client to server. This allows for encryption of all information that is passed between the client and server. Additionally, Citrix provides for a quicker response time than other products. It does this by passing only keystroke, mouse input, and data deltas between the client and server.

To connect to the Citrix server the user will go to the LG Home Page (<https://amclg.scott.af.mil/cgi-bin/index.pl?ti=LG+Home+Page>), selected the Global Reach Page, and then select the MAF MIS button. The MAF MIS page (<https://hqamclg.okc.disa.mil/>) is where the Citrix ICA client can be downloaded/installed to each PC. The G081 manager can also copy this file to a diskette and load each machine via the diskette. Once the Citrix ICA is loaded, select any area under the Mobility Air Force Mgmt. Info. Systems to connect to G081. The other systems are available if the user has the correct profile loaded at DISA and has the proper userid and password.

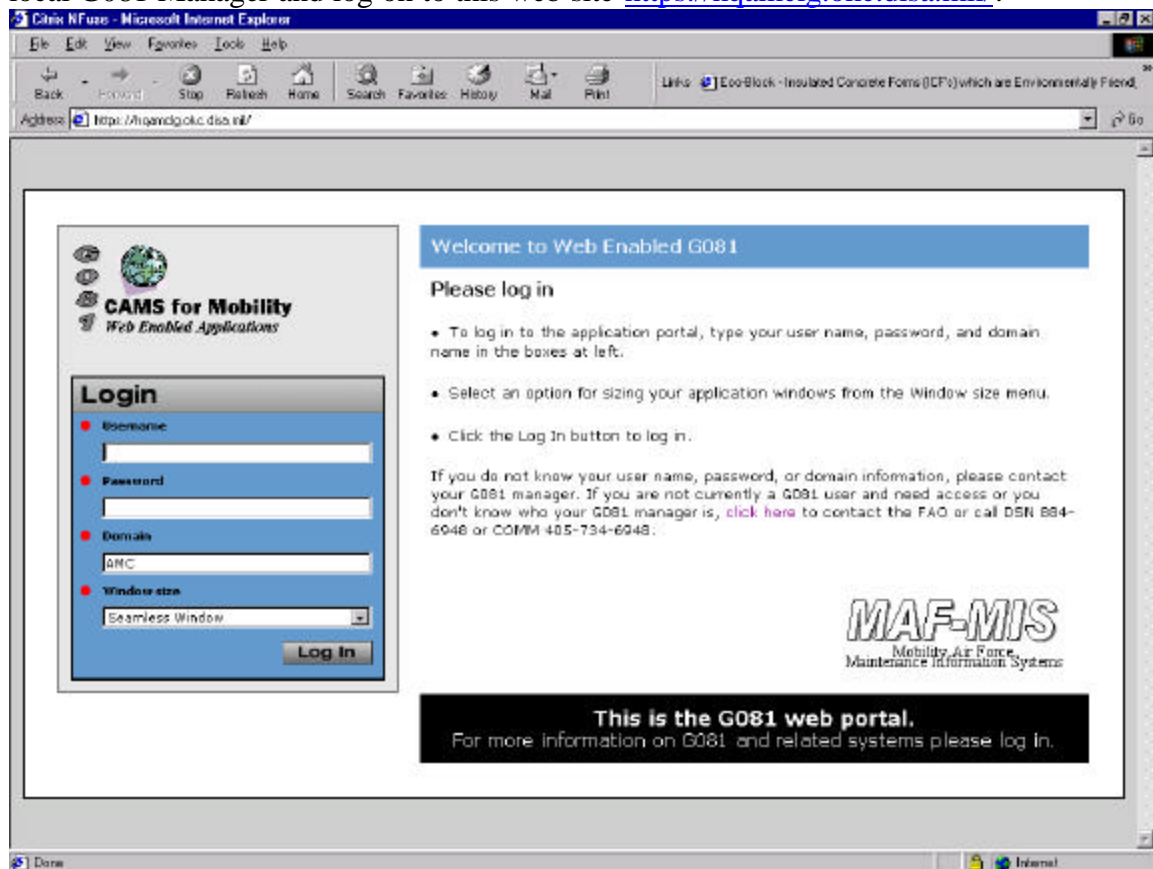
Implementation Steps

The FAO will created all accounts based on a list generated from the user's list complied on 19 August 2002. This means any and all account should be corrected, added, and/or modified prior to the 19 August 2002 deadline and includes accounts with '@' in them. Any account modified after that date would need to be modified on both systems.

The Citrix userid will be the same as the G081 userid. Passwords for the Citrix will be synched with the G081 mainframe password. The only password that will require changing is the mainframe password. Once it is changed, it will also be the Citrix server password.

Next, the G081 Manager is responsible for adding userids with '@' not corrected prior to the cut-off date and all new users. See instructions (attachment 1) building users on the Citrix. At the start of the each bases implementation, a job will be run to move the userid's from the G081 to the Citrix server and with a standard password of Tinker1@. See instructions (attachment 2) resetting user passwords on the Citrix. See instructions (attachment 3 and 4) for sorting and filtering users on the Citrix servers.

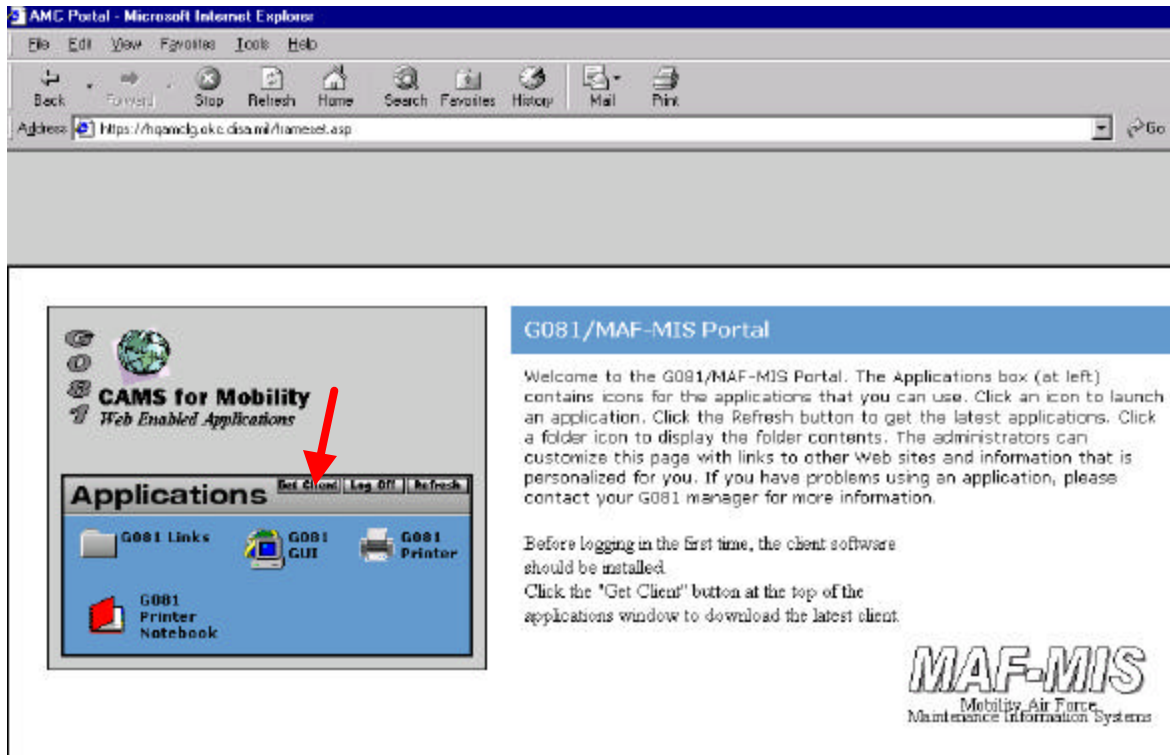
Users wishing to gain access to Citrix must obtain their user id and password from the local G081 Manager and log on to this web site <https://hqamclg.okc.disa.mil/>.



Once logged on, download/install the ICA client and Root Certificate, these files are necessary to access the applications. The applications will **NOT** run if they are not installed. Then close all browser windows and log back on to (<https://hqamclg.okc.disa.mil/>) and click on AMC Gui icon to launch G081.

****Depending on your rights and your operating system, you may need administrative rights in order to do the install.**

Click on the 'Get Client' button to launch the installation.

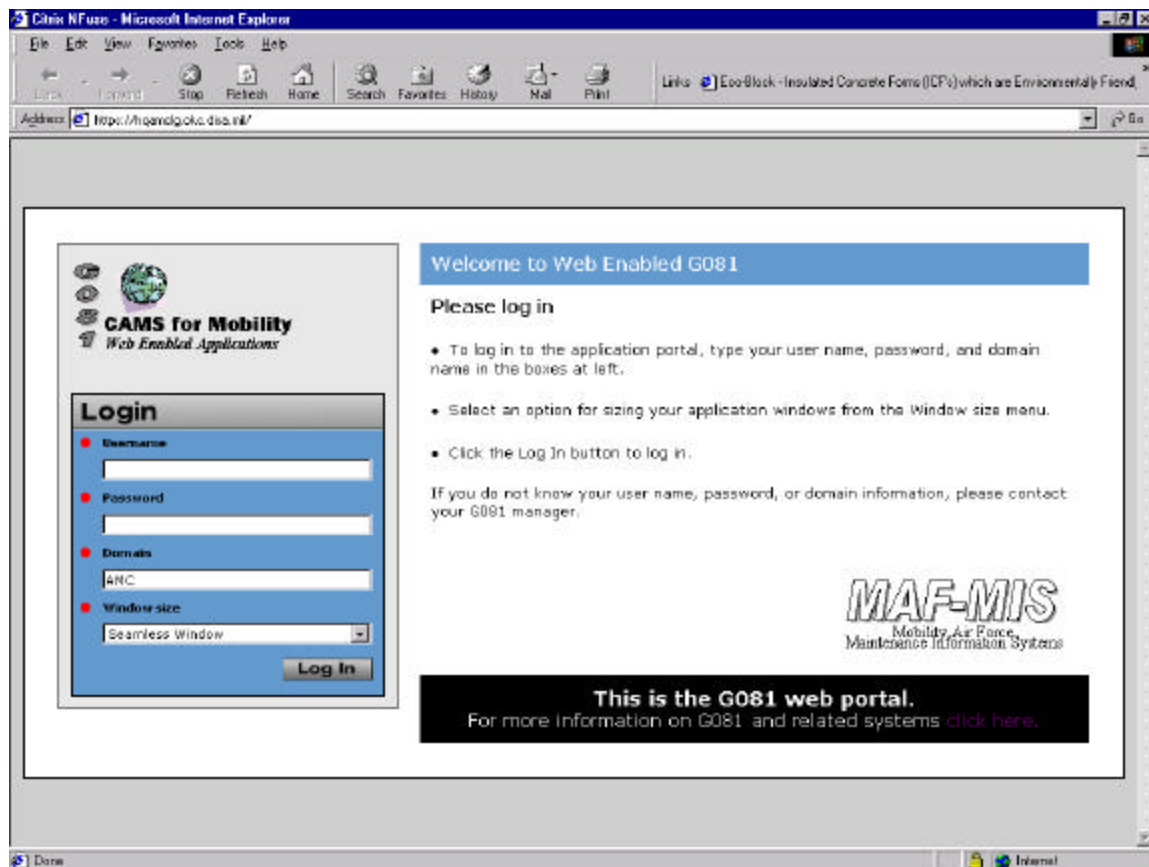


Finally, the base G081 managers will build the TN3270E printers used by base personnel. All printers that are currently defined, as an IP printer will remain the same. See instructions (attachment 5) on building TN3270E printers for your location.

Attachment 1

Creating user accounts

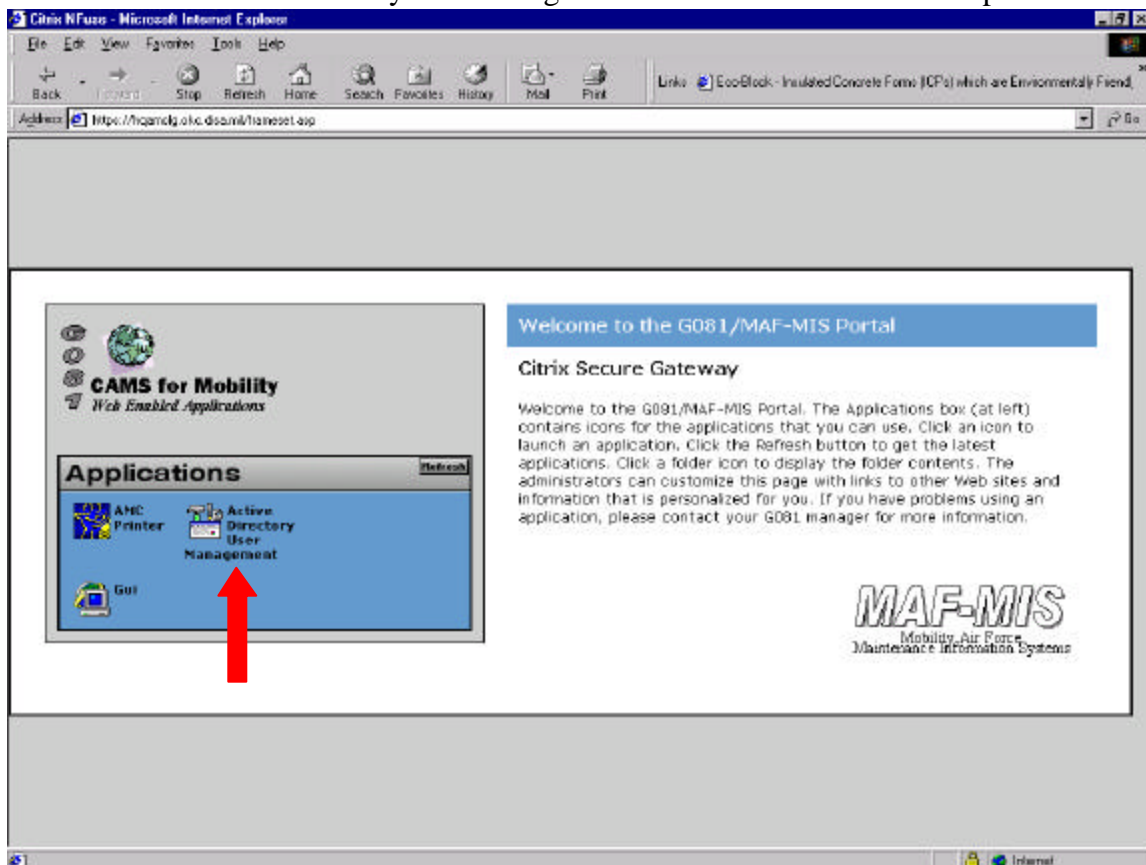
Click on this link: <https://hqamclg.okc.disa.mil/>



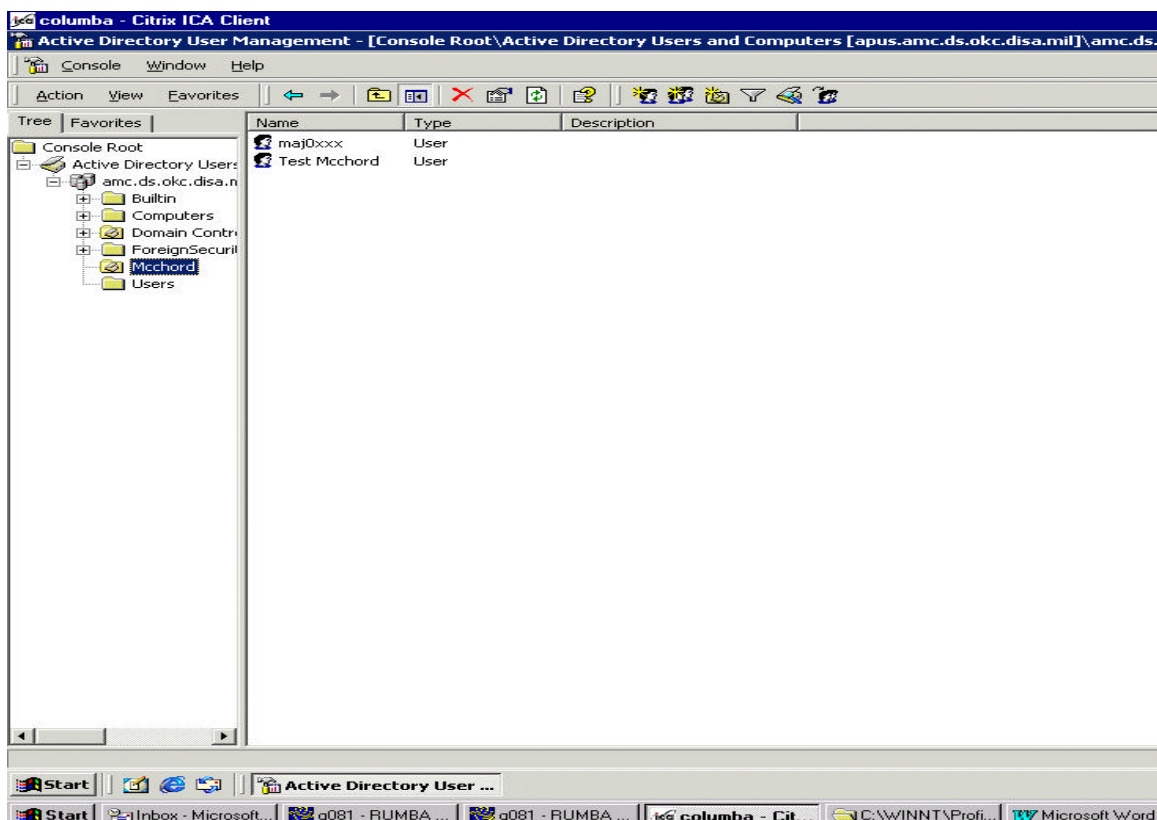
It will bring up a web page; it should look like this:

You must logon to the Citrix Server using a User ID and Password from the AMC Domain.

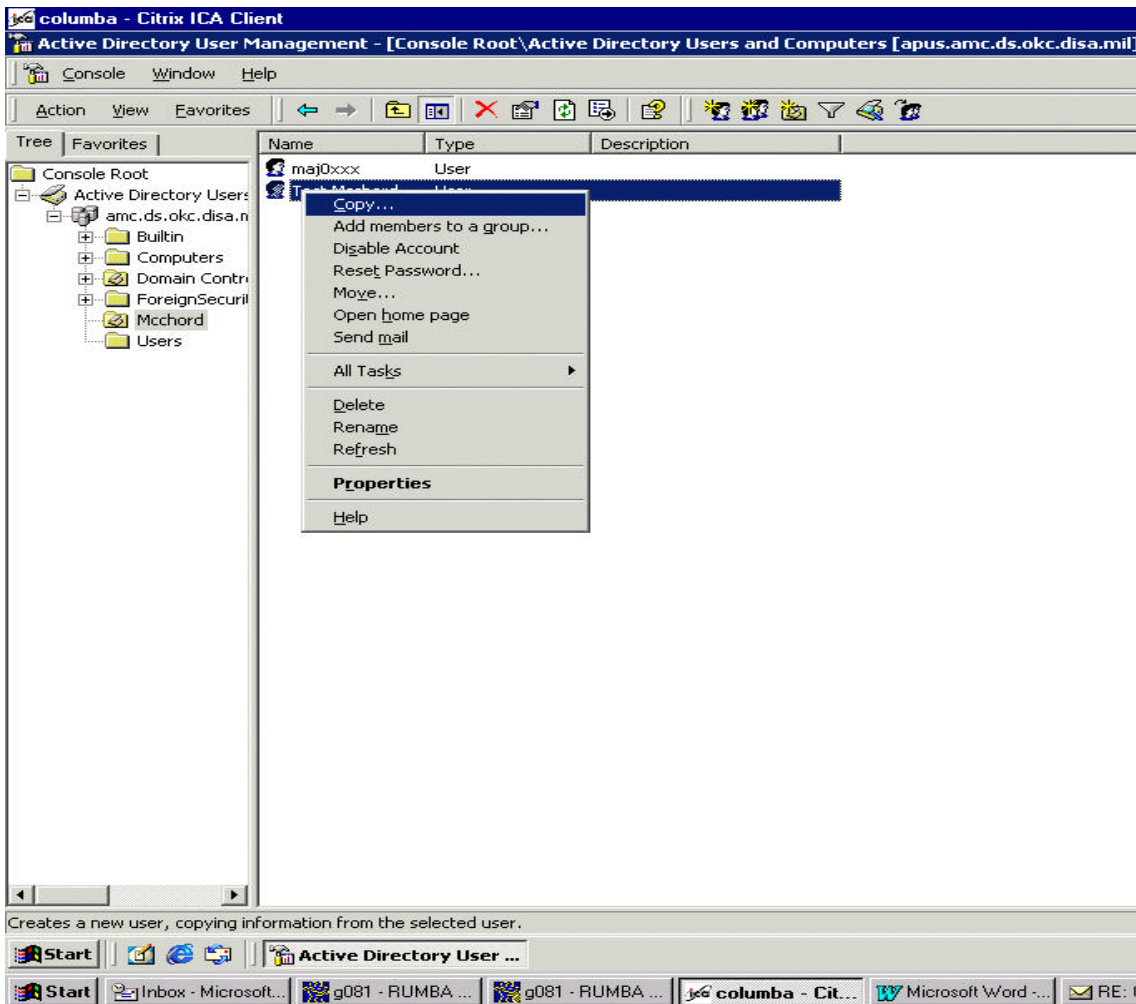
Click on the Active Directory user management to administer account and passwords.



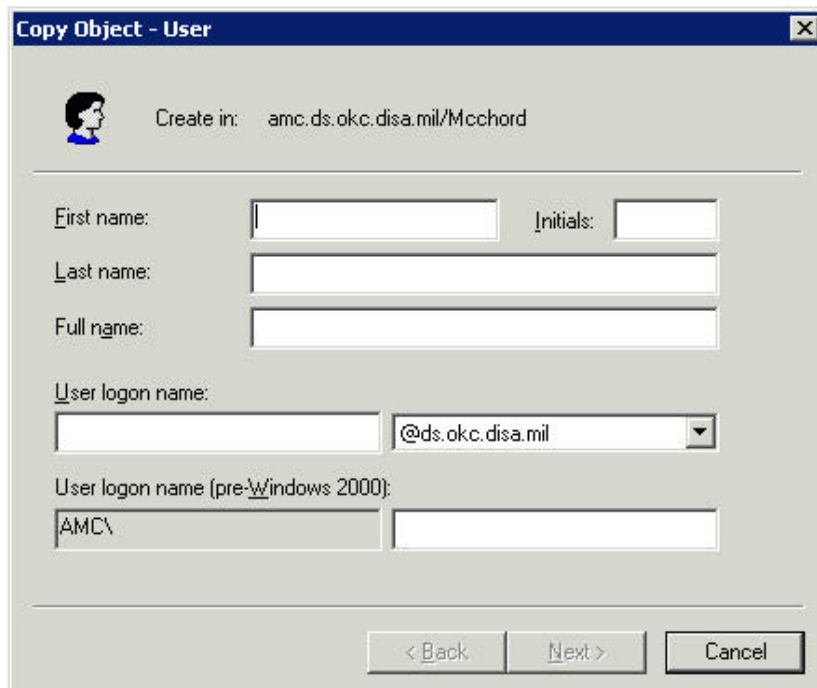
Click on the appropriate base container to show a list of users from your base. (You will only be able to add or change users from your base)



Next select an existing users from which you can copy from. **Do not use a G081 managers account.** Right click on the user name to select and choose copy.

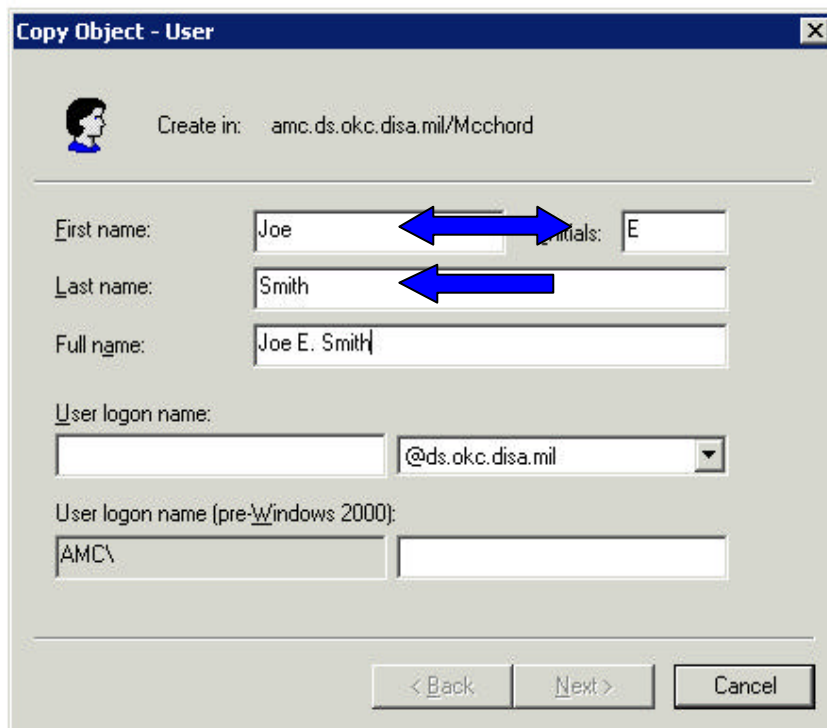


This will bring up a 'Copy Object – User' window.



The 'Copy Object - User' dialog box is shown. It has a title bar with a close button. Below the title bar is a user icon and the text 'Create in: amc.ds.okc.disa.mil/Mcchord'. The form contains several input fields: 'First name:' with an empty text box, 'Initials:' with an empty text box, 'Last name:' with an empty text box, 'Full name:' with an empty text box, 'User logon name:' with an empty text box and a dropdown menu showing '@ds.okc.disa.mil', and 'User logon name (pre-Windows 2000):' with two empty text boxes. At the bottom are three buttons: '< Back', 'Next >', and 'Cancel'.

Type in the users first name, middle initial, and last name.



The 'Copy Object - User' dialog box is shown with the same fields as the previous image. The 'First name:' field contains 'Joe', the 'Initials:' field contains 'E', and the 'Last name:' field contains 'Smith'. Blue double-headed arrows indicate the flow of information: one arrow points from 'Joe' to 'E', and another points from 'Smith' to the 'Full name:' field. The 'Full name:' field now contains 'Joe E. Smith'. The 'User logon name:' field is empty, and the dropdown menu still shows '@ds.okc.disa.mil'. The 'User logon name (pre-Windows 2000):' field has two empty text boxes. The buttons at the bottom are '< Back', 'Next >', and 'Cancel'.

This will automatically fill the 'Full Name' field.
Put userid in 'User Logon Name'.

Copy Object - User

Create in: amc.ds.okc.disa.mil/Mcchord

First name: Joe Initials: E

Last name: Smith

Full name: Joe E. Smith

User logon name: map0jes @ds.okc.disa.mil

User logon name (pre-Windows 2000): AMC\ map0jes

< Back Next > Cancel

Then click next. To bring up the password dialog box.

Copy Object - User

Create in: amc.ds.okc.disa.mil/Mcchord

Password:

Confirm password:

☐ User must change password at next logon

☐ User cannot change password

☐ Password never expires

☐ Account is disabled

< Back Next > Cancel

Type the default password for the user to logon with in both password fields

Password rules:

Must be eight characters long with no repeating characters.

Password **must** contain all four of the following criteria.

Upper case: A,B,C

Lower case: a,b,c

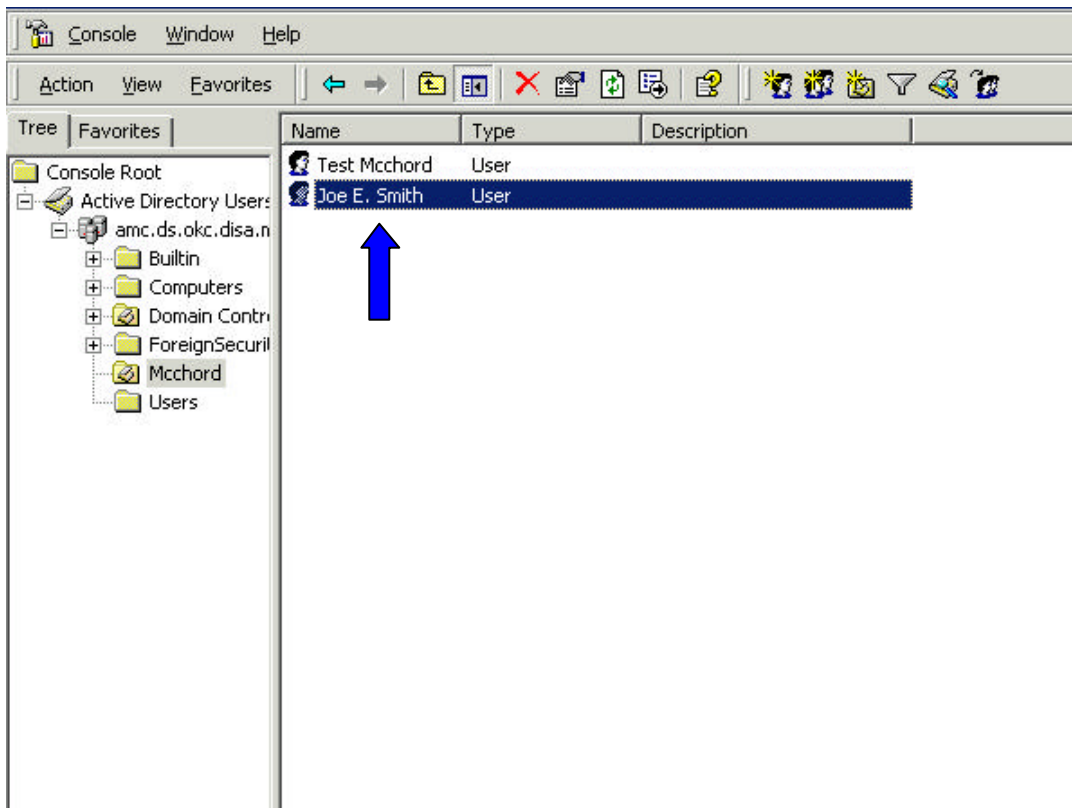
Numbers: 1,2,3

Special characters: #,@,\$,{,}

Note: You must ensure the 'User Must Change Password at Next Logon' is **not checked** when the account is created.

None of the four check boxes should be marked.

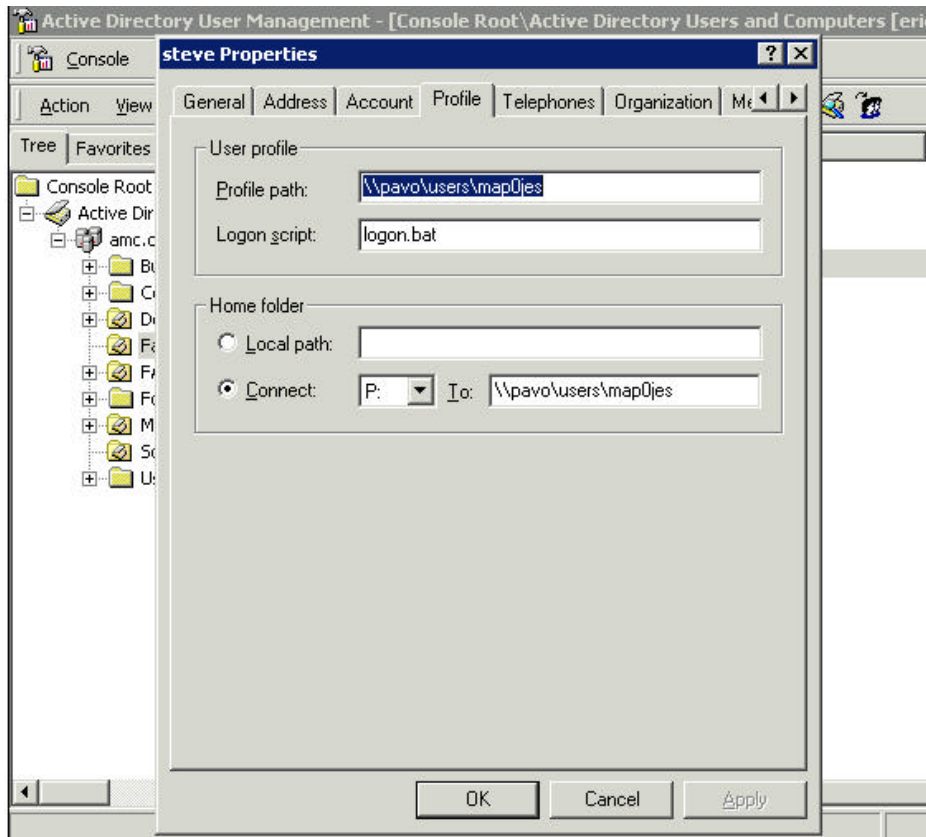
Click 'next' to finish. The account will then show in active directory.



Right click on the username and select 'Properties'.

****Note**** This step is only necessary if you are unsure if the user you copied from had it filled in. If you copy from the same user each time, you will be able to skip this step.

Select the 'Profile' tab and type [\\pavo\users\map0xxx](#) in the profile path and home folder location. Type [logon.bat](#) in the Logon Script field. (It may all ready be in the field).



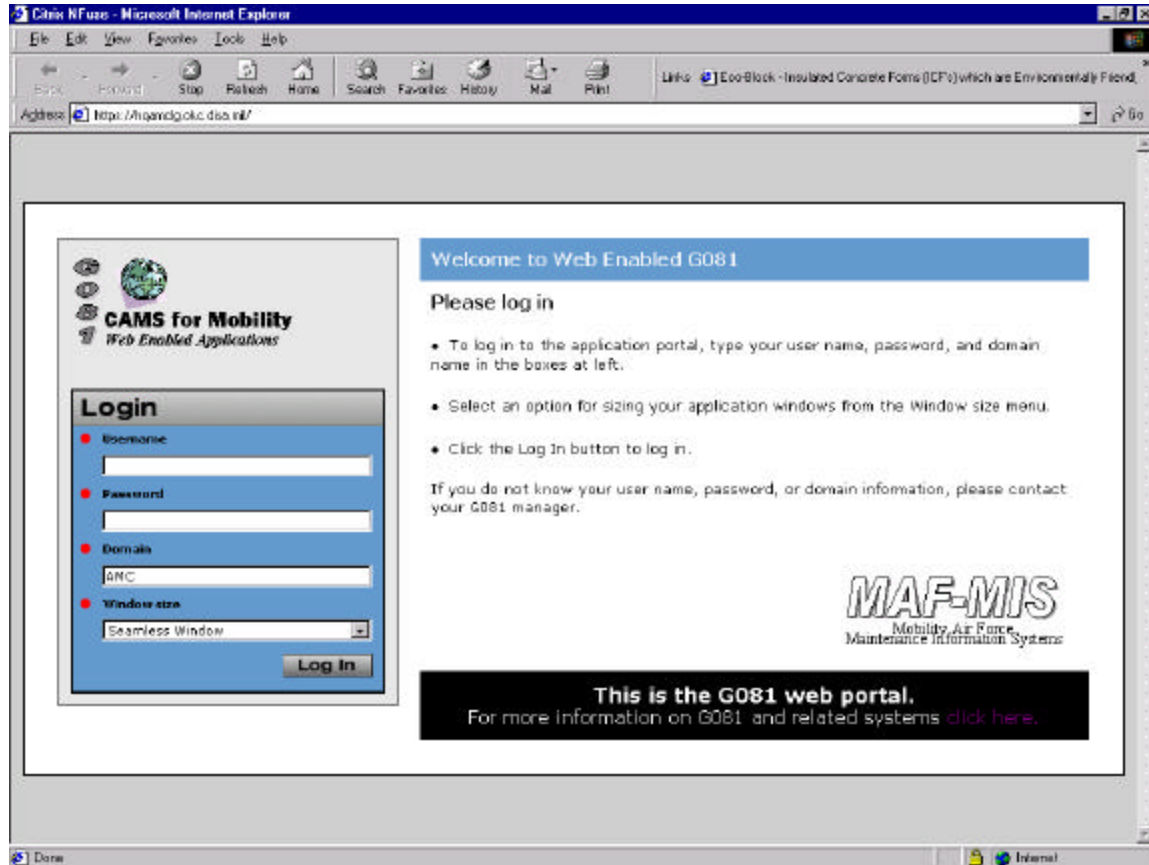
Now you have added the User ID and can repeat the step as many times as necessary.

Please contact the FAO if you have questions for concerns @DSN 884-6948 or email 'G081FAO@OKC.DISA.MIL'.

Attachment 2

Password change

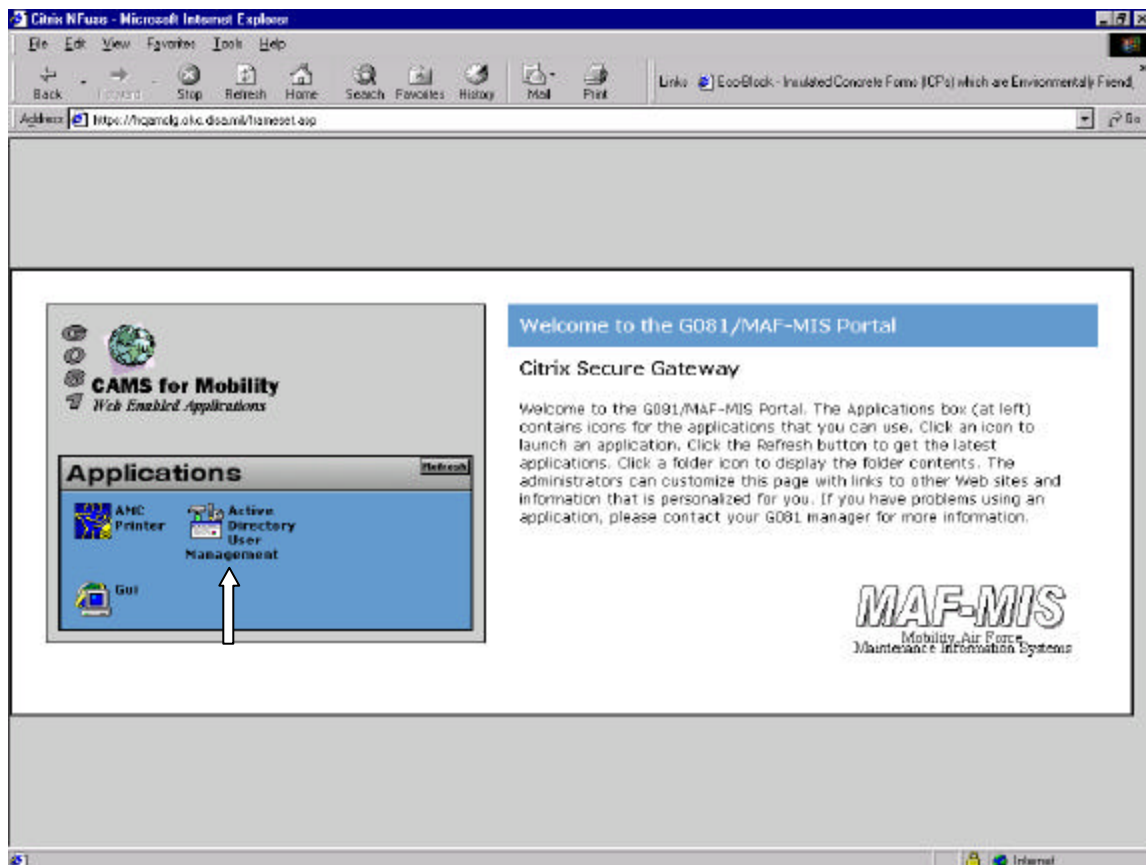
Click on this link: <https://hqamclg.okc.disa.mil/>



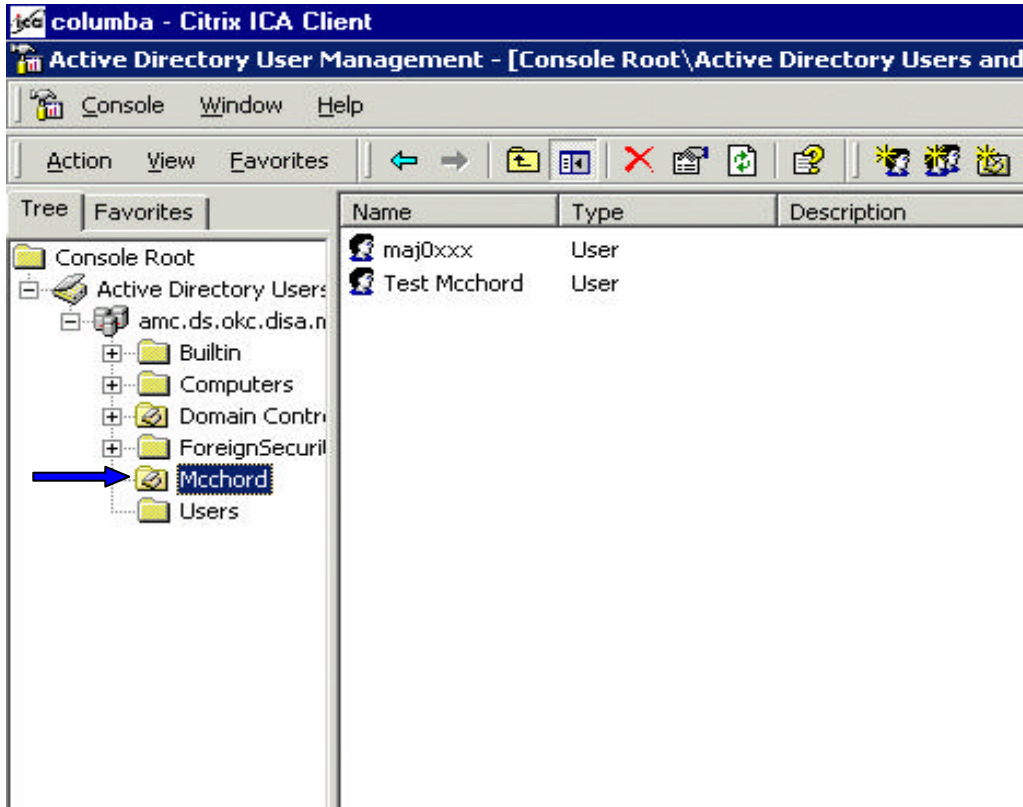
It will bring up a web page; it should look like this:

You must logon to the Citrix Server using a User ID and Password from the AMC Domain.

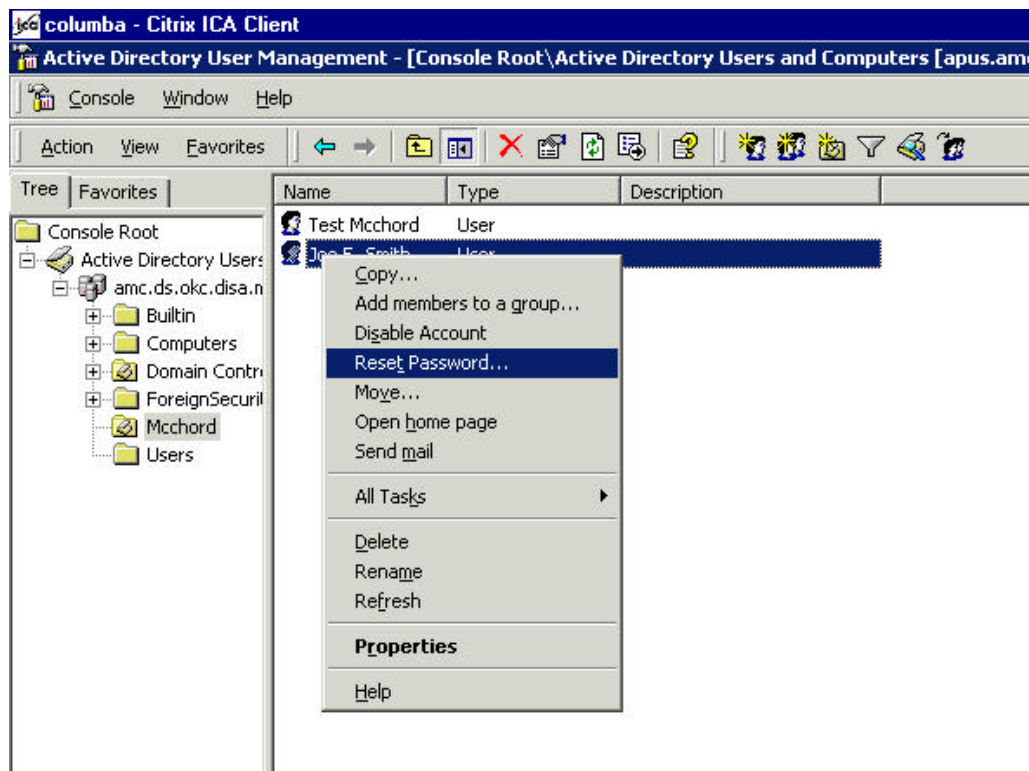
Click on the Active Directory user management to administer account and passwords.



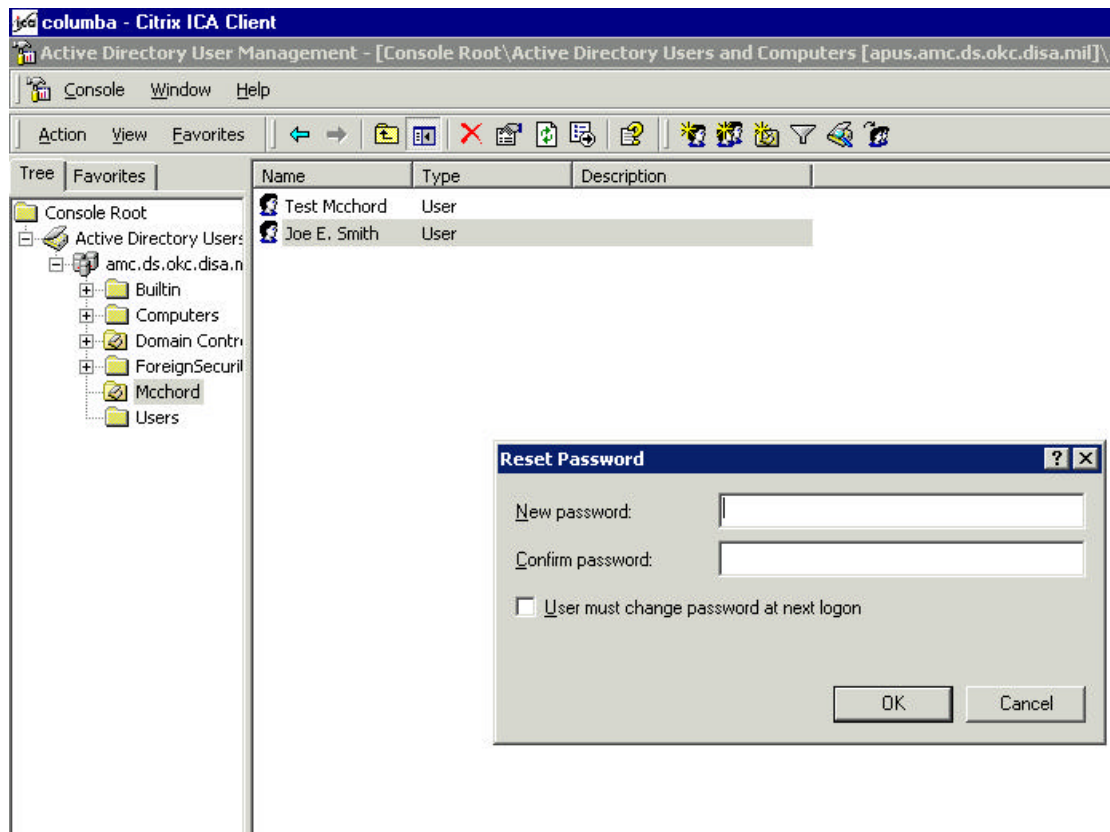
Click on the appropriate base container to show a list of users from your base. (You will only be able to add or change users from your base)



Right click on the users name and select reset password



Type the default password for the user to logon with in both password fields



Password rules:

Must be eight characters long with no repeating characters.

Password must contain all four of the following criteria.

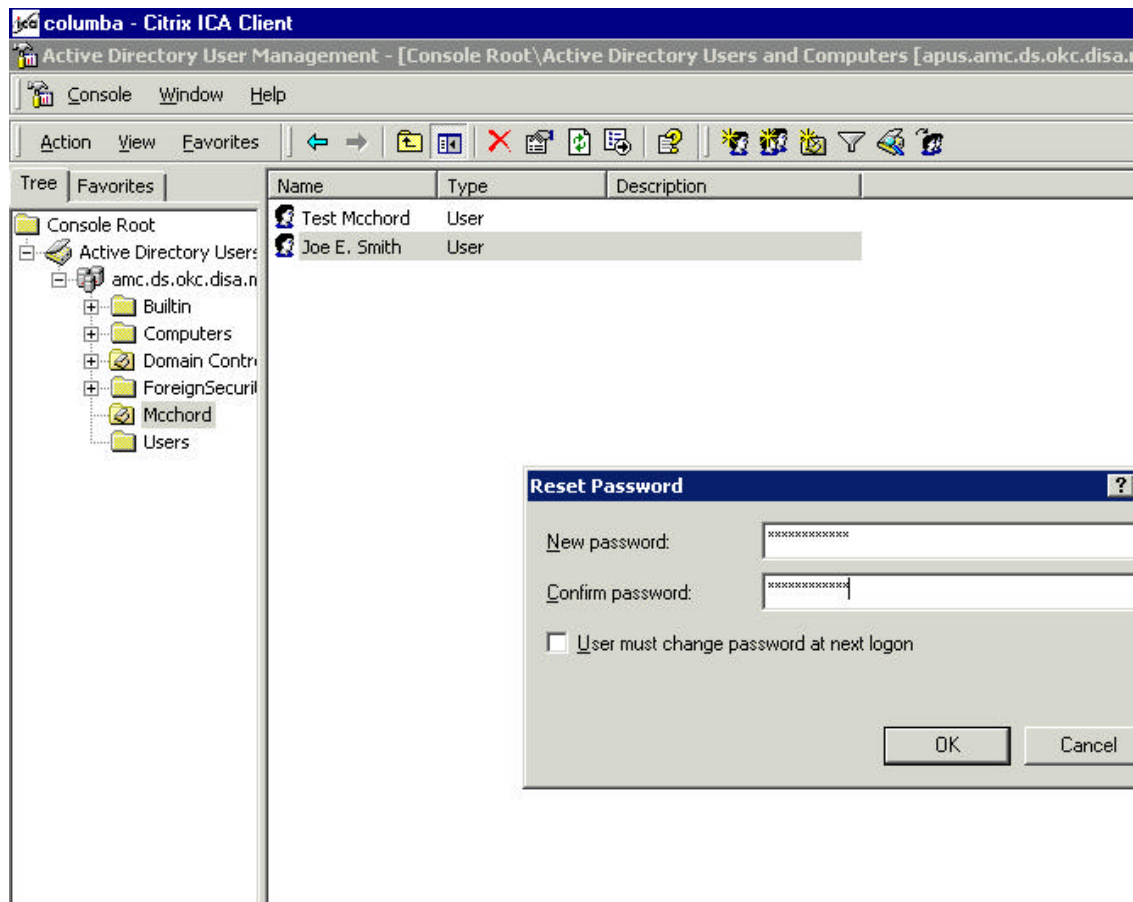
Upper case: A,B,C

Lower case: a,b,c

Numbers: 1,2,3

Special characters: #,@,\$,{,}

Note: You must ensure the 'User Must Change Password at Next Logon' is not checked when the account is created.



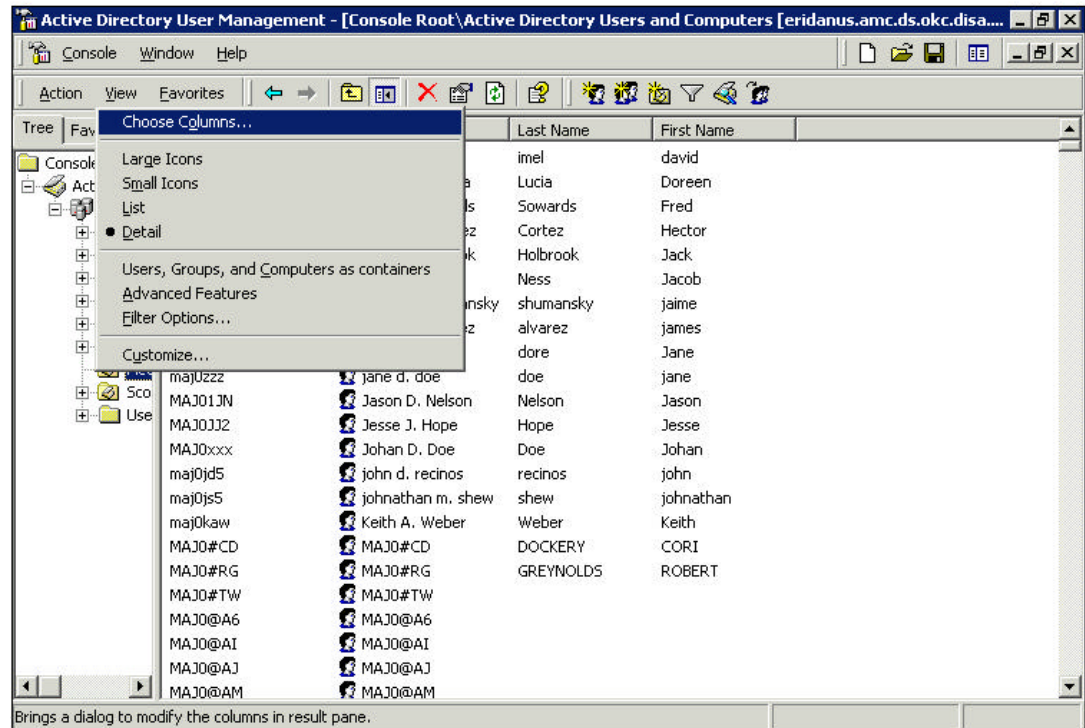
Click 'OK' to finish. This will return you to the active directory windows and the password will have changed.

Also, click on the user, right click, choose **PROPERTIES, then click on the **'ACCOUNT'** tab and ensure 'Account is locked out' is UNchecked.**

Adding and sorting

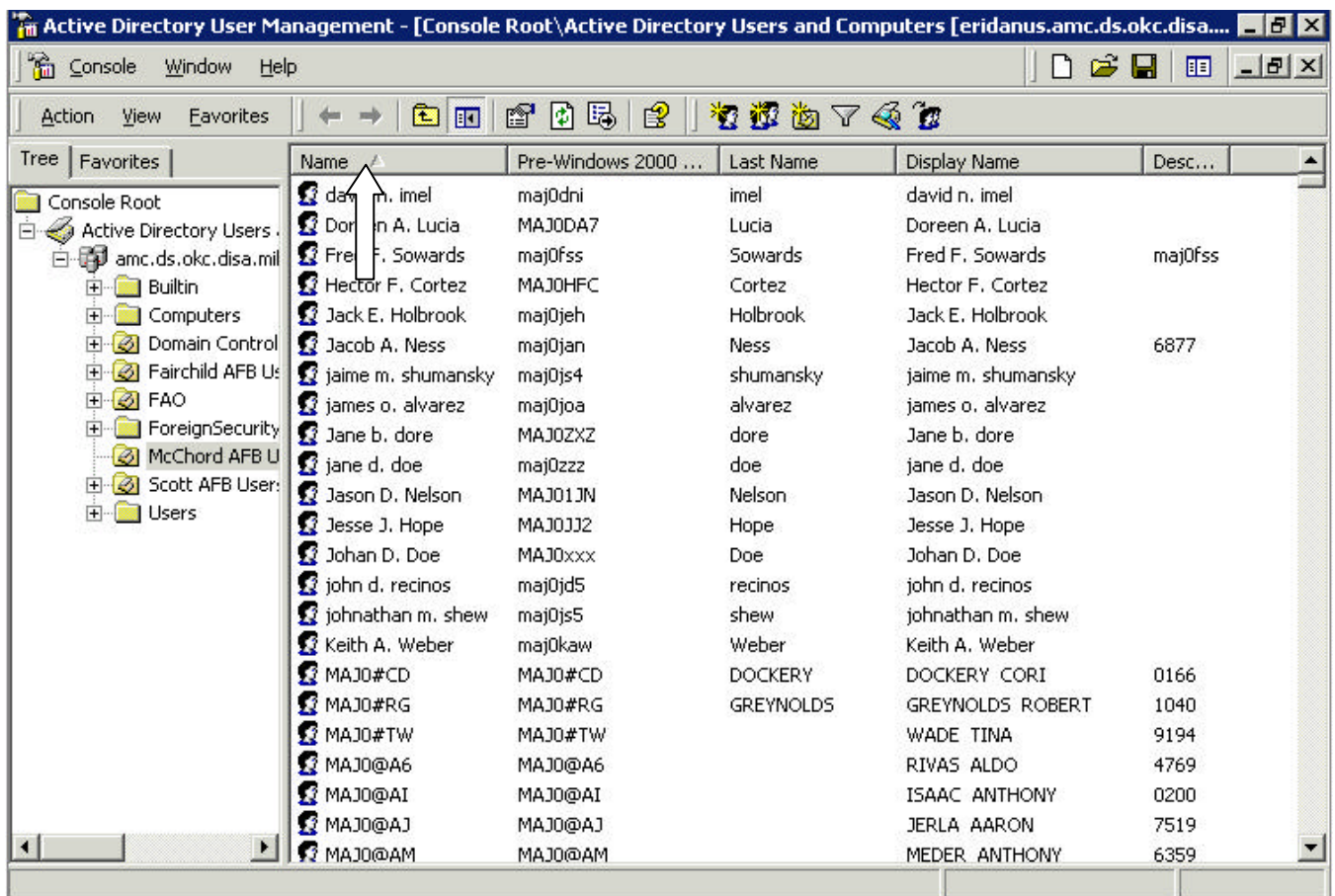
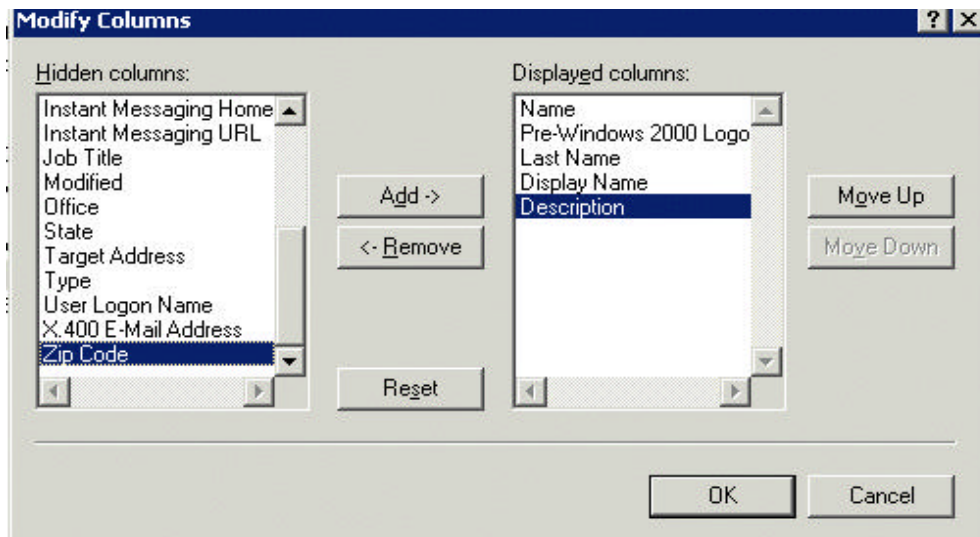
To reorder columns in an MMC console

1. In an open MMC console, click an item in the console tree that displays columns in the details pane.
2. On the **View** menu, click **Choose Columns**.
3. In the **Modify Columns** dialog box, under **Displayed columns**, click a column name, and then click **Move Up** or **Move Down** to change the position of the column.



Notes

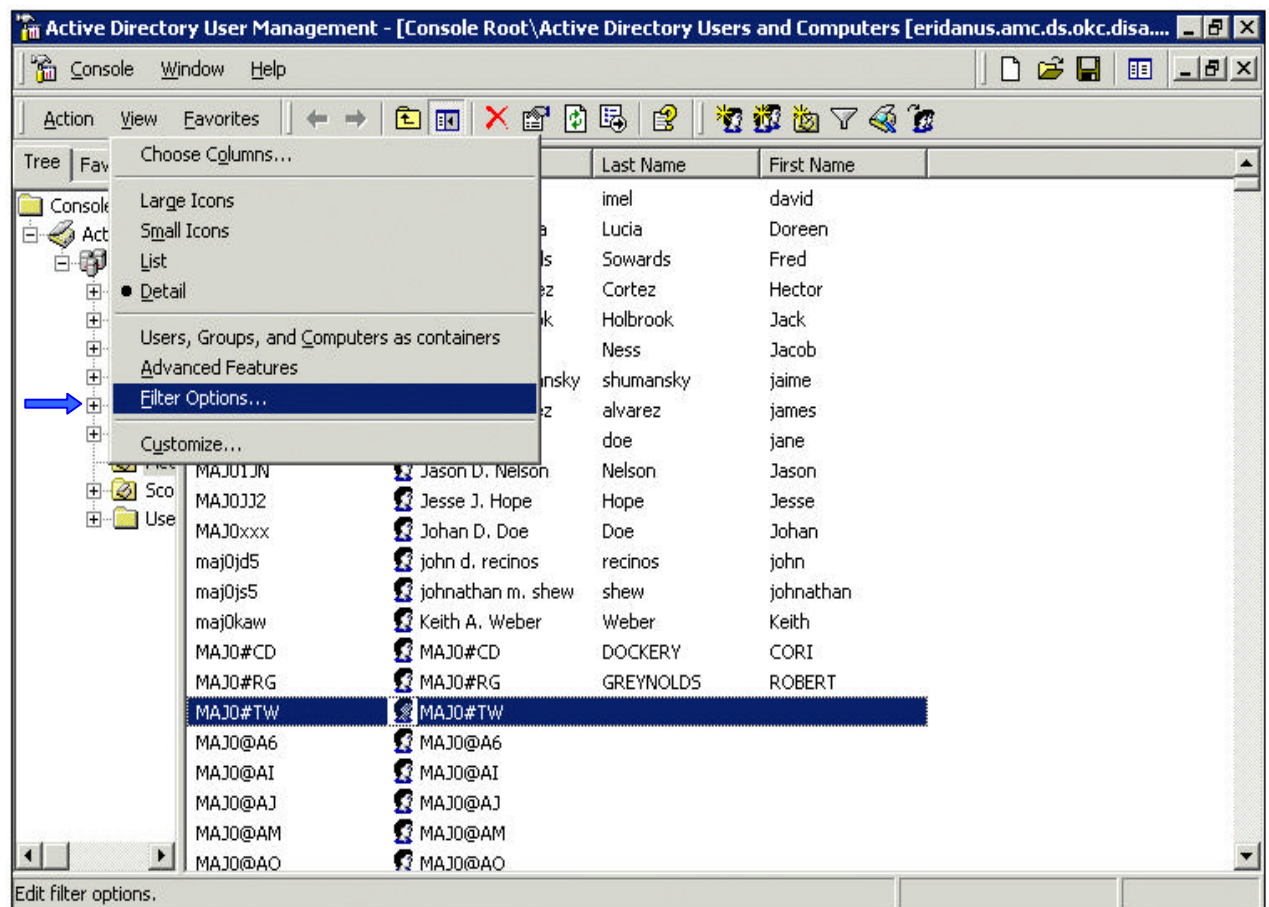
- You can also reorder columns in the details pane by using a mouse to drag a column heading to the left or right of its original position. As you drag a column, highlighting between the column headings indicates the new position of the column.
- You can resize columns by using the mouse to drag column headings.
- You cannot change the position of the leftmost column in the details pane.
- This feature is not enabled for all items. If you do not see the **Choose Columns** option on the **View** menu, you cannot use this feature for the selected item.



Sort is identified by arrow in Title box, and the direction can be changed by clicking on the box.

Attachment 4

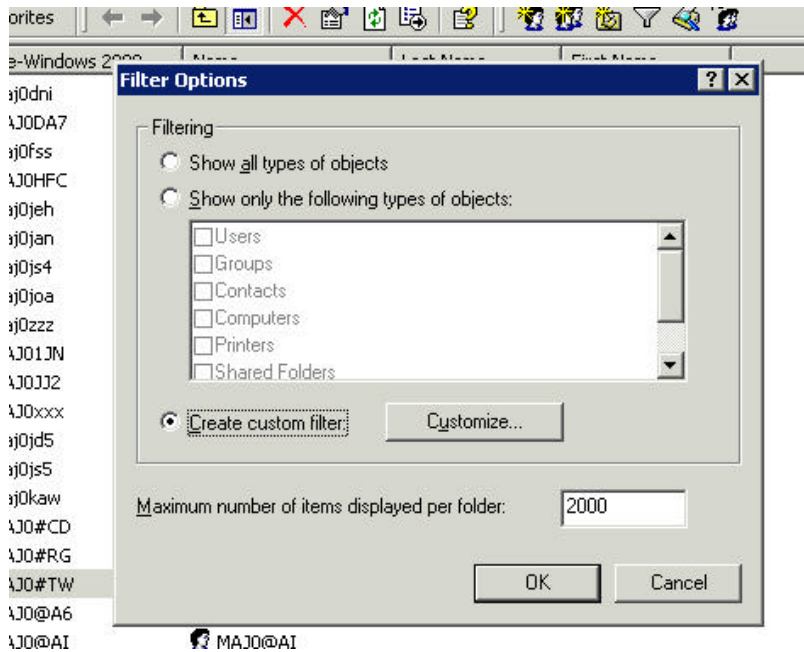
To select VIEW, click FILTER OPTIONS.



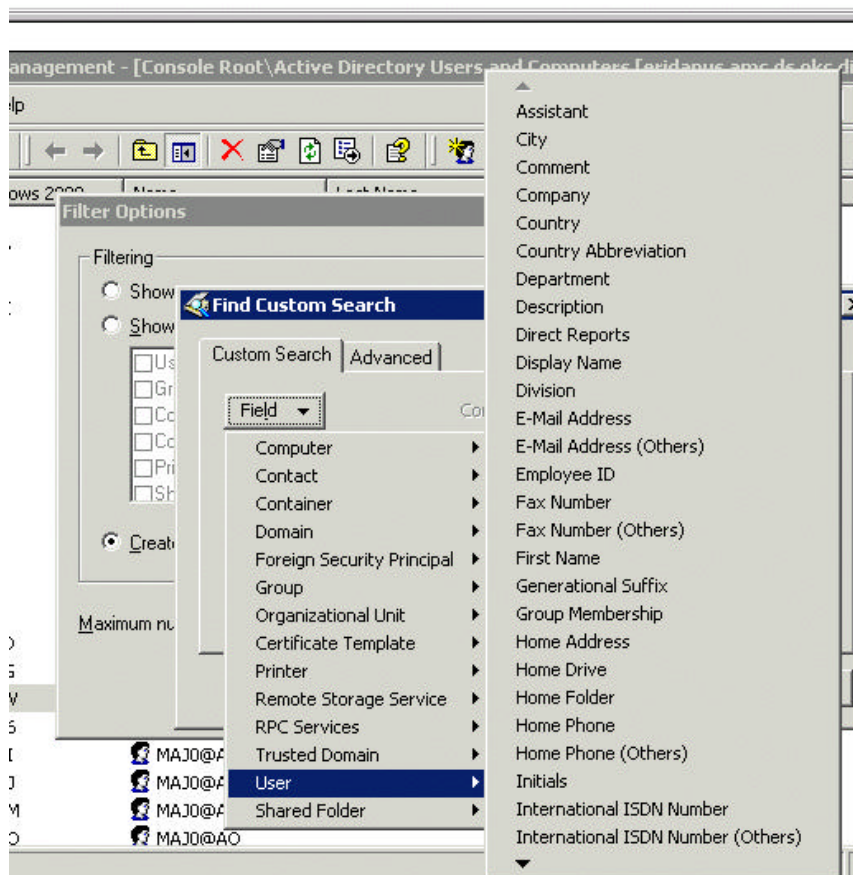
In the **FILTER OPTIONS** dialog box, select one of the following three options:

- Show all types of objects
- Show only the following types of objects
- Create custom

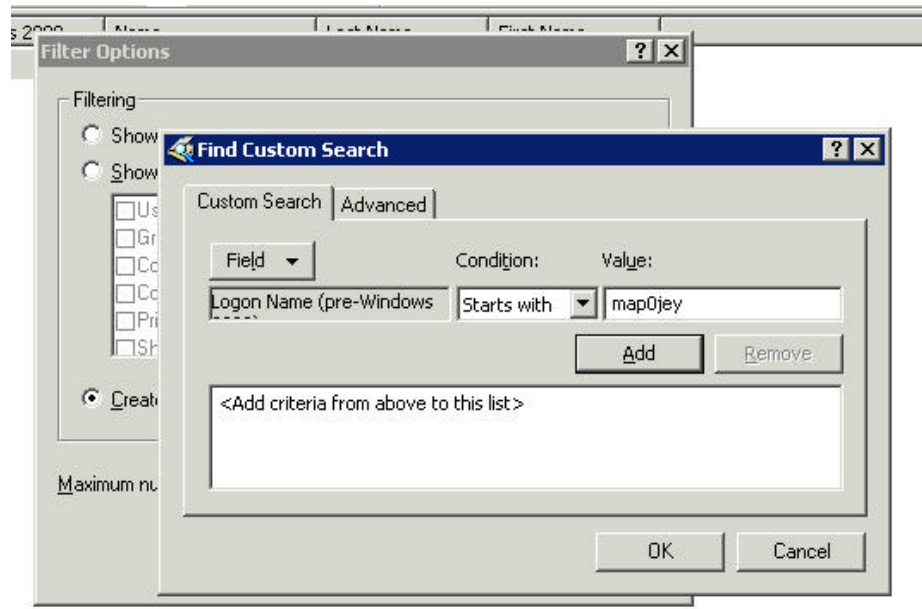
Optionally, type the maximum number of objects that you want to display in the console in **Maximum number of items displayed per folder**.



Click on Customize, and select from the list to build your filter.

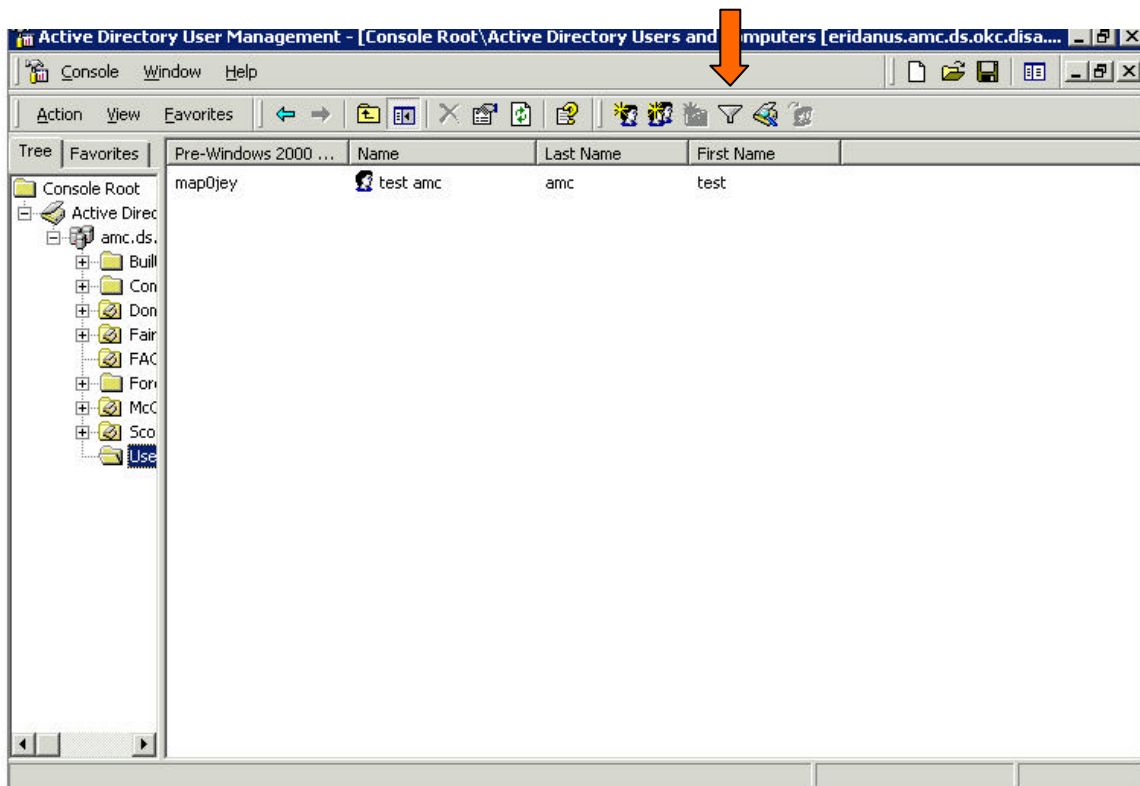


Apply conditions and values, then click ADD.



You can have multiple searches.

Click to expand your folder in the tree.



You should only see item meeting the criteria set in your filter. Remember that you need to turn the filters off if you would like to see everything again. You can do so by clicking on FILTER on the toolbar and select “SELECTION SHOW ALL TYPES OF OBJECTS”.

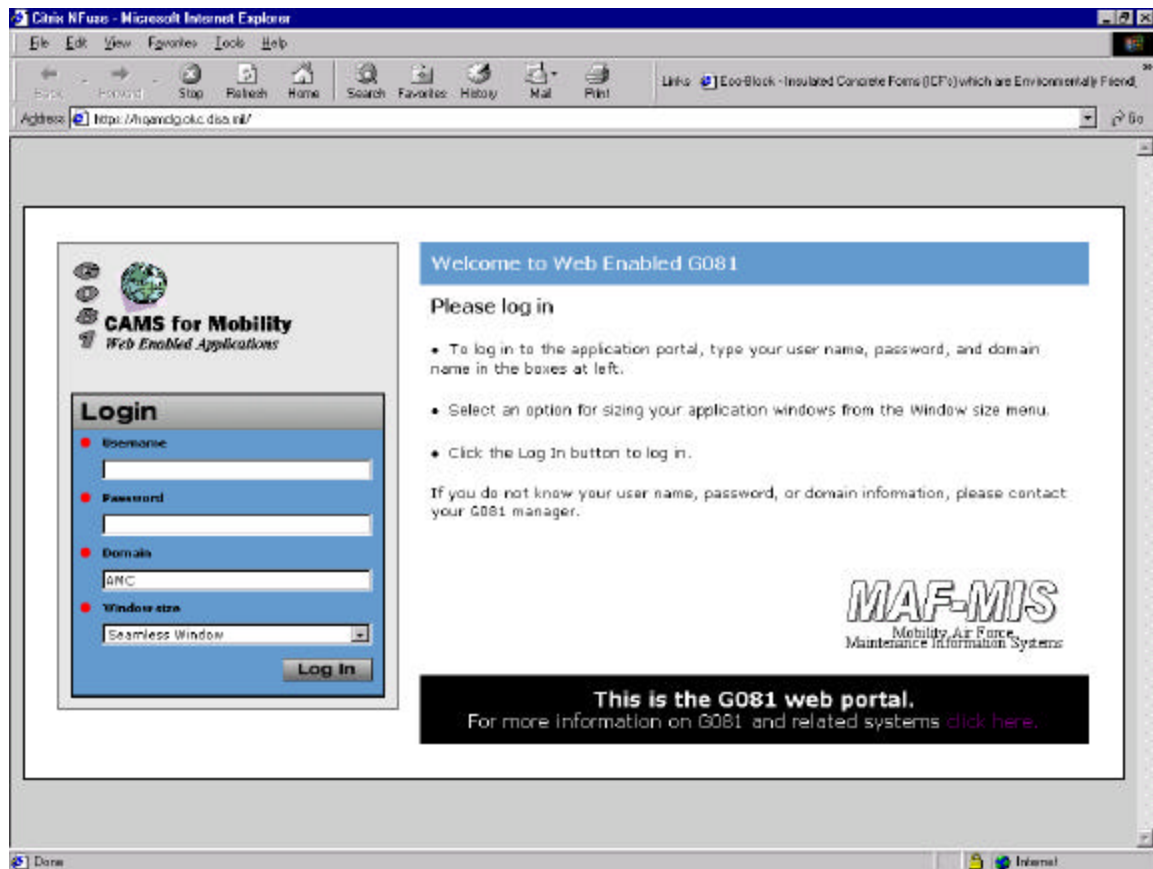
Attachment 5

Adding a printer session

STEP 1

Click on this link to log on to the Citrix Secure Server.

<https://hqamclg.okc.disa.mil/>



Users must logon to the Citrix Server using a User ID and Password. This should be the same as their mainframe account.

Password may not be the same as the mainframe account if they have not logged on to the citrix before. On the first logon the passwords should be synchronized

Password rules: Password **must** contain all 4 of the following criteria with no repeating.

Upper case: A,B,C

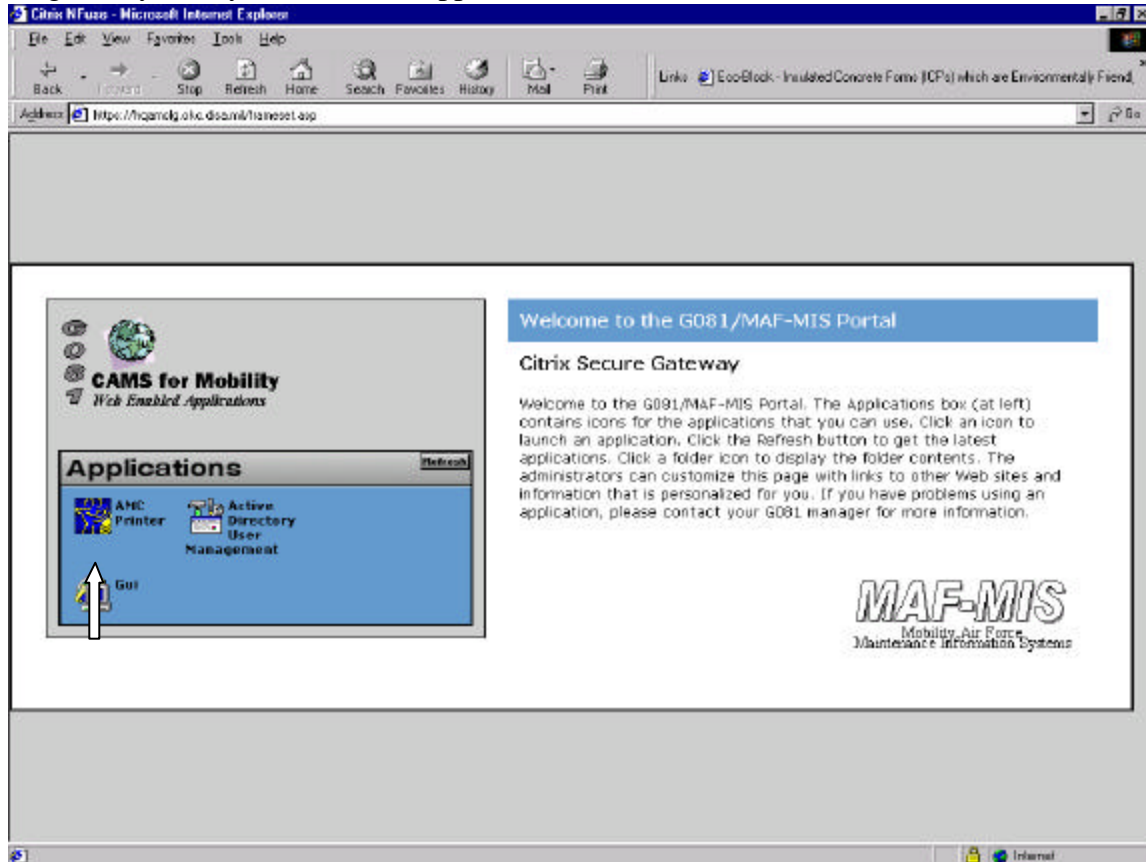
Lower case: a,b,c

Numbers: 1,2,3

Special characters: #,@,\$,{,}

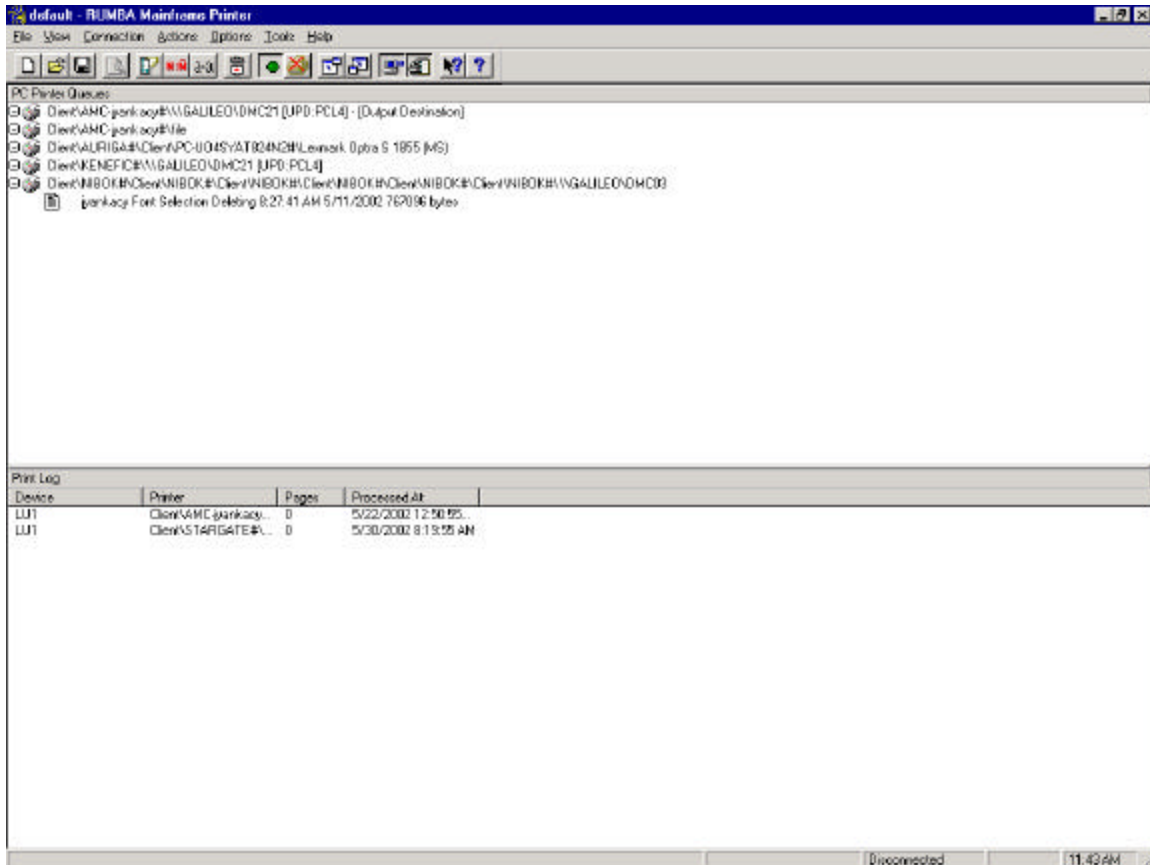
Step 2

Click on the AMC printer to launch the printer application. This will launch the Rumba mainframe printer object. If you save it to the correct location it will open with you settings every time you launch the application.



Step 3

This is the printer window that will open when you launch the AMC printer application. You will need to configure your printer from this point or open an existing printer configuration file that exists on your PC.



STEP 4:

Configure your mainframe connection.

- Click on “Connection” from the top menu.
- Click on “Configure”; a pop-up window will appear. See Figure 1.

STEP 5:

Under the “GENERAL” tab check/choose the following options; also Figure 1.

- Auto Connection Option = Auto Connect
- b. Installed Interface = TN3270

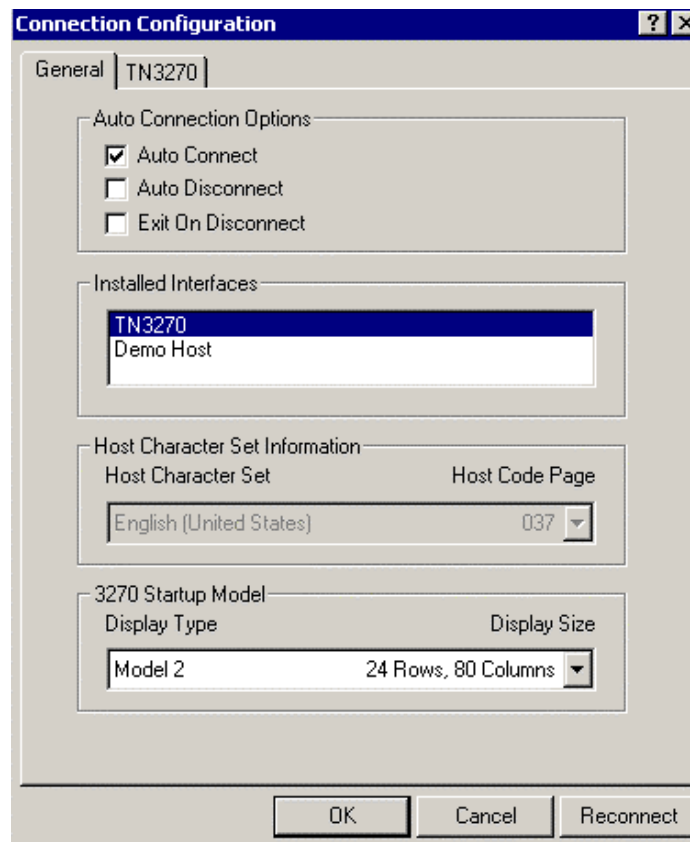


Figure 1.

STEP 6:

- Under the “TN3270” tab, make the following changes; see Figure 2.
- Insert the correct IP address in the “DESTINATION NAME/ADDRESS”
- Click on the “INSERT” button; a new box will pop up.
- Enter ‘COMM1.OKC.DISA.MIL’ Click “OK”.
- Enter the G081 Printer ID that you wish to use in the “DEVICE NAME”.
- Check “AUTO RECONNECT SESSION”
- Click “OK” to close the “CONNECTION CONFIGURATION” window.

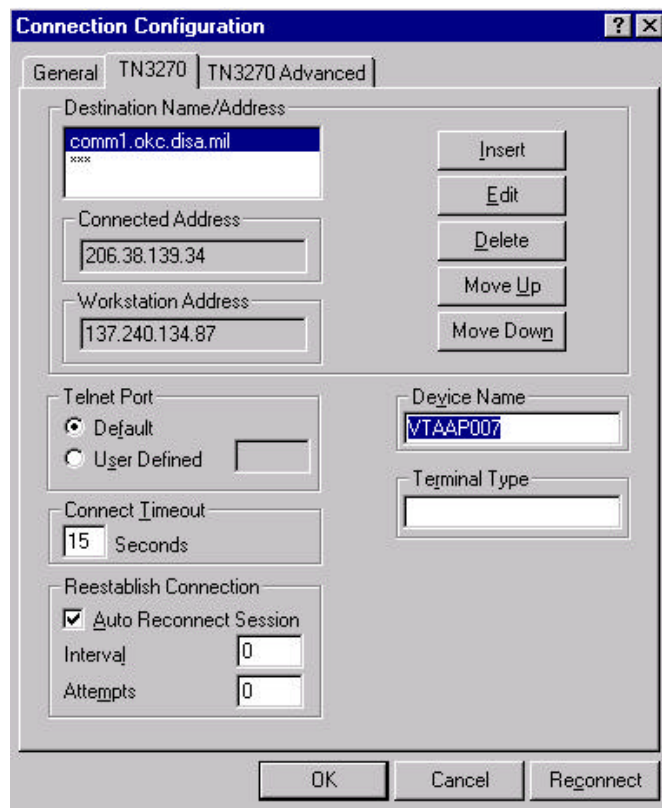


Figure 2.

STEP 7

- Directing Rumba output to a **physical printer**.
 - Choose “File” from the menu and then click on “Page Setup”. A pop-up box will appear.
 - Under the “General” tab--
 - In “Printer name”, select the printer you wish to print to.
 - Set “Formatting overrides” to “Use all formatting specified by host”
- Under the “Scaling” tab; (If the ‘Paper’, ‘Layout’ and ‘Scaling’ are shaded gray and can’t be changed then go to the ‘Direct Printing’ tab and uncheck the Direct Printing)
 - Chose “Scale host page within top and bottom margins” in length option.
 - Choose “Scale host page within left and right margins” in width option.

- Under the “Layout” tab
 - Set lines per page to 88
 - Set characters per line to 132
 - Set lines per inch to 8
- Under the “Job Control” tab
 - Check “Printer sharing” under “Job control”
 - Set “Feed” to “standard form feed”
- Under the “Direct Printing” tab
 - **Un**check “direct printing”

Continue to STEP 8.

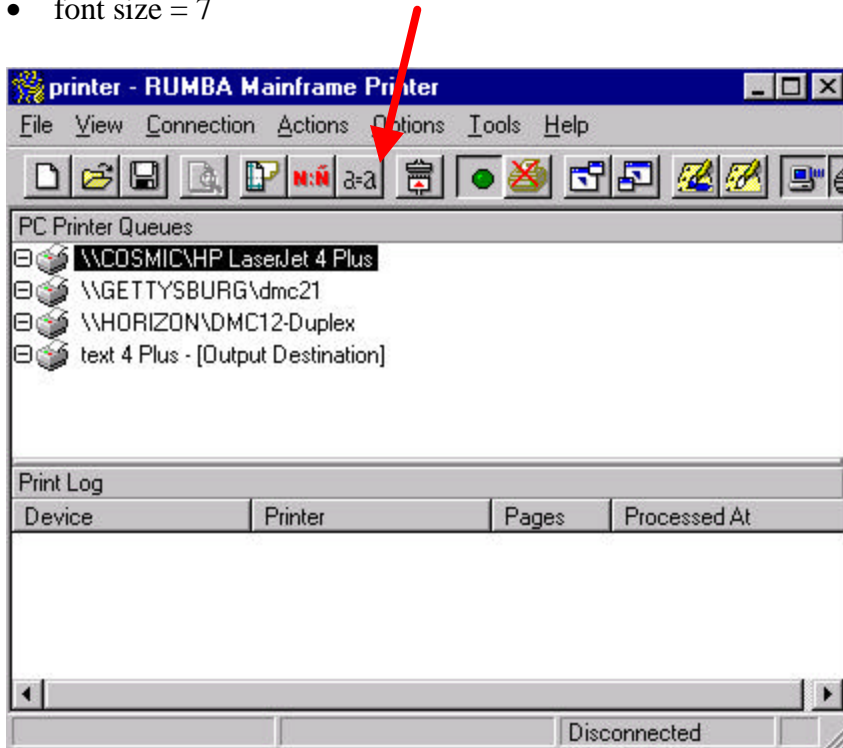
STEP 7B:

- Directing Rumba output to a **file**
 - Ensure a “text” or a “print-to-file” printer is set up on the PC.
- Click on “START”, then “Settings” and then “Add printer”; the ‘add printer wizard’ will step you through the process.
 - Choose ‘My computer’
 - Check the ‘FILE’ port
 - Choose ‘Generic’ and ‘Generic/text only’
 - Go to ‘File’, ‘Page Setup’
 - Select ‘Keep existing driver’
 - Change the printer name if you want or just leave it as ‘Generic/text only’
 - Select “Not Shared”
- In the Rumba Mainframe Printer session, go to ‘File’, ‘Page Setup’
 - Under the “General” tab
 - In the “Printer Name” select the text printer just created above.
 - Set “Formatting overrides” to “use all formatting specified by host”
- The ‘Paper’, ‘Layout’ and ‘Scaling’ tabs are shaded gray and need not be changed.
- Under the “Job control” tab
 - Set “Feed” to “standard form feed”
 - Set “Generate unique file name” to checked or leave it unchecked if you want the file to be overwritten every time.

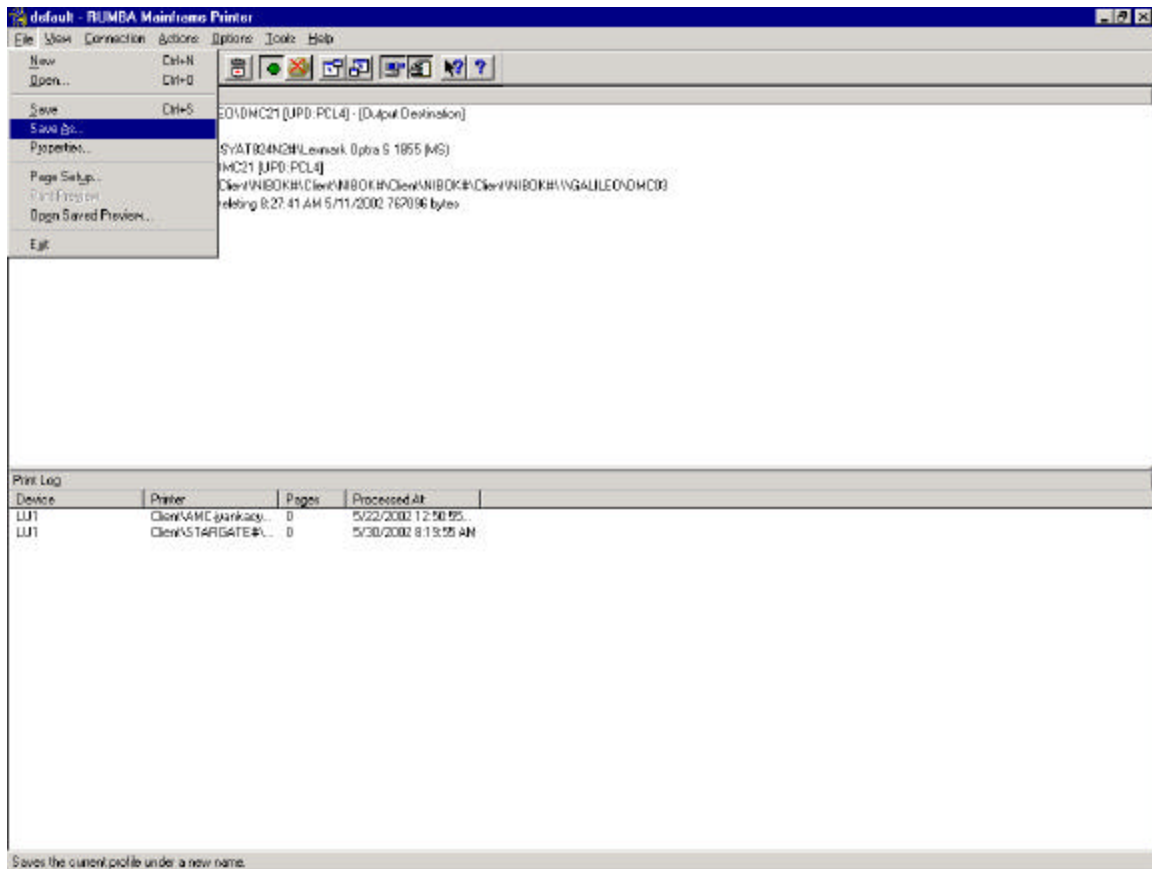
- Set the “base file name” to the directory and name of your choosing, i.e. “d:\reports\vtap007\print.txt”. You must specify the file and the extension.
- Under the “Direct Printing” tab
- Check “direct printing” on.

STEP 8:

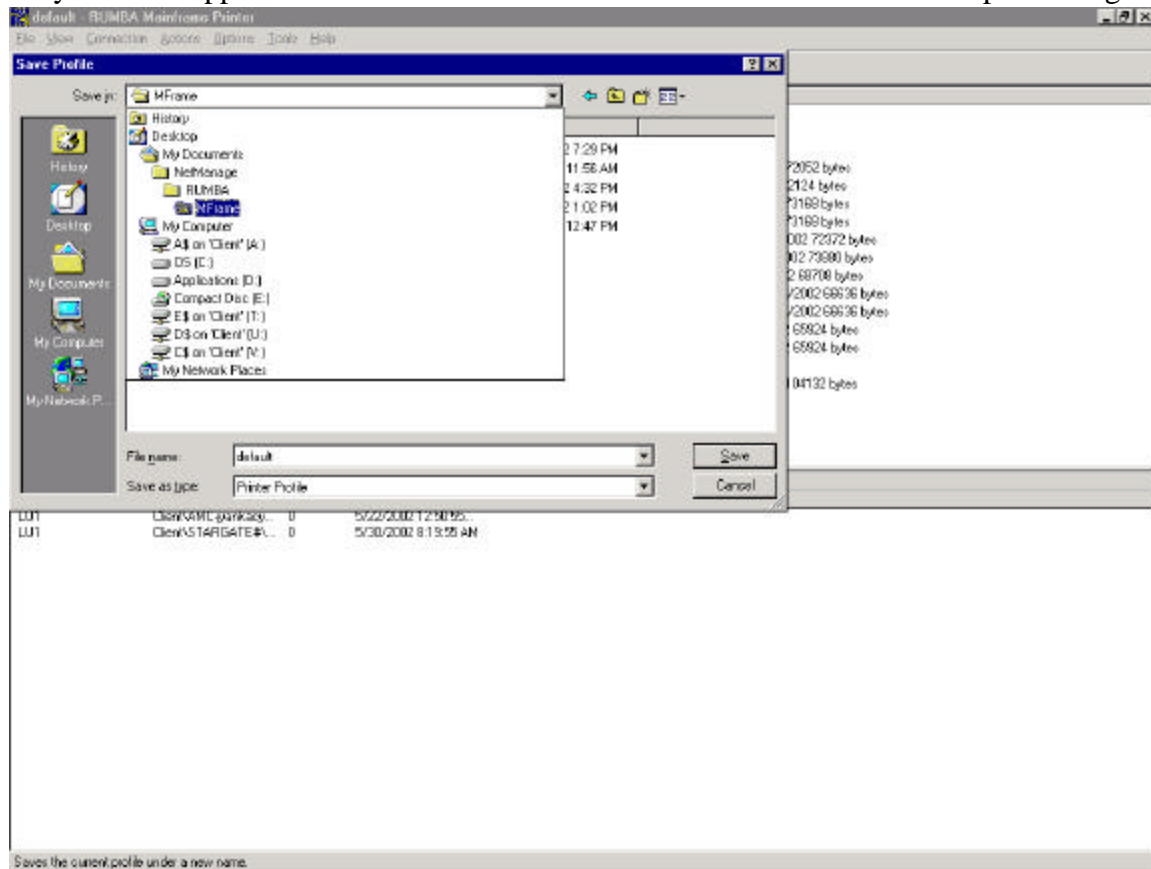
- Font Mapping –(your print session must be disconnected or holding print for this to work)
 - Click on this button for Font Mapping...
- Font mapping— (suggested, but may be changed)
- font id = default
 - font = Courier New
 - font style = host
- font size = 7



Once all configurations have been made you must save the “DEFAULT.WPM” file. Click on “FILE” then “SAVE AS”.



Select this path in which to save the file (It should already be in this location) (MY DOCUMENTS\NETMANAGE\RUMBA\MFRAME) and it **MUST** called “Default.wpm”. This will store the file in your personal area on the server and will start every time the application is launched from the AMC PRINTER icon on the portal. Page.



All requests to get a G081 printer ID set up or changed go through Perry Elder at Scott AFB perry.elder@scott.af.mil. If you have questions or problems contact the FAO g081fao@okc.disa.mil